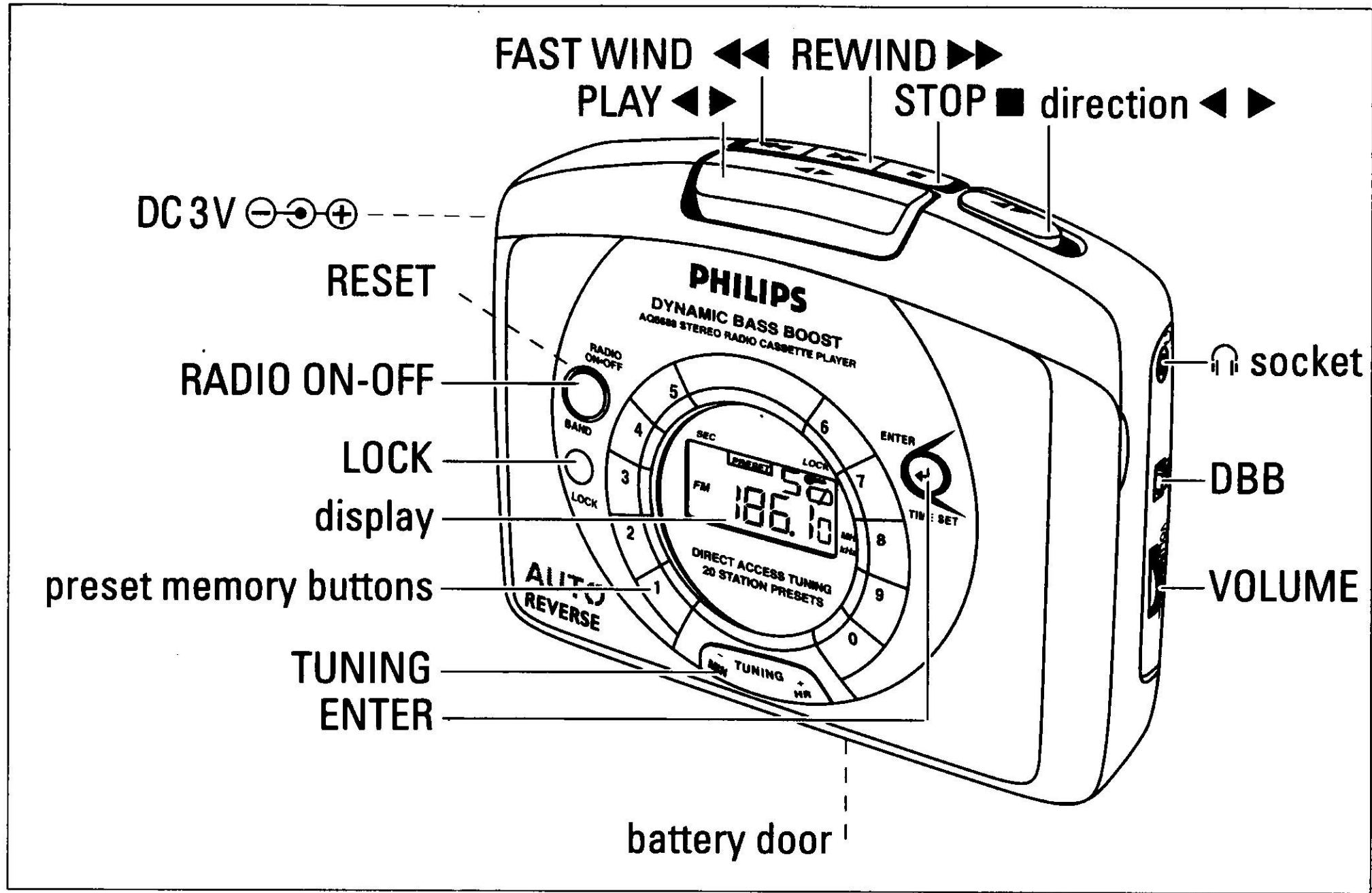


# PHILIPS

AQ 6688 Stereo Radio Cassette Player





## POWER SUPPLY


**F**

### Mains adapter

The voltage of the **3V adapter** must match with the local voltage. The 3.5 mm adapter plug's 1.3 mm centre pin must also be connected to the **minus pole** ⊖.

- Connect the mains adapter to the set's DC 3V socket.
- Always disconnect the mains adapter if you are not using it.

### Battery (optional)

- Open battery door and insert two alkaline batteries, type R6, UM3 or AA as indicated. **Use of Philips POWER LIFE batteries gives up to 18 hours of cassette playback.**
- Remove the batteries from the set if they are exhausted or not to be used for a long time.
  - When the batteries are running low,  will flash briefly in the display and you should insert new batteries. If the radio is on, it will automatically switch off.
  - It may be necessary to reprogramme your preset stations.

### MEMORY PROTECTION

The memory protection acts as a backup should there be a power failure or interruption.

When changing batteries or power supply, the time setting, presets and the last station listened to are retained for approximately 2 minutes. This allows you to change batteries or power supply without having to set your stored data all over again.

## GENERAL FEATURES



### Reset button

Should you receive external interference e.g. static electricity from carpets, thunderstorms, etc. which affects the display and electronic functions of your set, the reset button allows you to clear all data (e.g. tuning step, presets) from your set and to start up again.

- Use a ball point pen to press the **RESET** button, found on the back of the cassette door.


### Locking

This button helps you to prevent any of the other front panel controls from being accidentally pressed when you are listening to the radio or when you are not using the radio.

- 1 Press the **LOCK** button
  -  appears in the display when **LOCK** is activated.
- 2 To deactivate the LOCK function, press **LOCK** again.
  -  disappears from the display.

## SETTING THE CLOCK

### CLOCK DISPLAY

The time is displayed using either the 12 or 24-hour clock system. The seconds are synchronized with the flashing colon ':' second by second, and also by the 12-segment analogue clock display, where each segment  represents 5 seconds.

- 1 In the time mode, press **ENTER**.
  - The clock digits will flash for 5 seconds.
- 2 To set the hour/ minutes for the clock time, press **HR** or **MIN** while the display is still flashing.
  - With your finger held down on **HR**, the hour will increase steadily as a number from 1-12 or 0-23. Release **HR** when you reach the approximate time setting.
  - With your finger held down on **MIN**, the minutes will increase rapidly and continuously. Press briefly and repeatedly if you need to adjust the minutes slowly.
- 3 Press the **ENTER** button a second time to confirm the time setting.
  - The clock digits will stop flashing.



## SETTING THE CLOCK

### CHANGING THE TUNING STEPS AND 12/24-HR CLOCK

In North and South America the frequency step between adjacent channels in the **AM (MW) band** is **10 KHz**. In the rest of the world this step is **9 KHz**. Usually the frequency step has been preset in the factory for your area.

The tuning step on this set is also combined with the hour clock display where:


**10 KHz** uses the 12-hr clock

**9 KHz** uses the 24-hr clock

All preset stations will be lost and need to be programmed again when you change the tuning step.

- 1** In the radio mode, press and hold **ENTER**.  
→ The radio station frequency will disappear from the display.
- 2** Without releasing **ENTER**, press and also hold down:
  - **TUNING +** (up) 5 seconds or more to select a tuning step of **10 KHz** and the 12-hr clock.  
→ The display shows 'U' briefly.
  - **TUNING -** (down) 5 seconds or more to select a tuning step of **9 KHz** and the 24-hr clock.  
→ The display shows 'E' briefly.

## RADIO RECEPTION

- 1** Connect the headphones to the  socket.
- 2** To switch on the radio and select your waveband:
  - press **RADIO ON-OFF** once for **AM (MW)**
  - press **RADIO ON-OFF** twice to select **FM**  
→ **STEREO** appears on the display when you are receiving a **FM** stereo transmission.
- 3** Select your station by one of the following:
  - by using the **- TUNING +** control (down or up);
  - pressing one of the Preset memory buttons **0-9** for a preset station;
  - **Direct Access Tuning**, by entering the known band frequency.
- 4** Adjust the sound with **VOLUME** and **DBB (Dynamic Bass Boost)** controls.
- 5** To turn off the radio, press **RADIO ON-OFF** once or until the display shows **OFF** and reverts to the clock mode.

### To improve reception:

**FM:** The headphone cord functions as the FM-aerial. Extend it fully and position the cord.

**AM:** Uses the built-in aerial. Turn the set to find the best position.

# RADIO RECEPTION

## TUNING

### Direct Access tuning

The frequency of the station you wish to tune to must be known. You can find these frequencies in station tables or radio guides.

- 1 In the radio mode, press **ENTER**.  
→ The current frequency in the display disappears.
- 2 Use the Preset memory buttons to enter the digits of your desired frequency within a 5 second period.
- 3 Press **ENTER** again to confirm your radio station.  
→ The display shows the selected frequency or the nearest frequency.  
→ If you have made an incorrect entry, *Err* will appear in the display.

### Entry examples of bands and frequencies:

- e.g.i      **98.1 MHz, FM**: Press **9,8,1** and **ENTER**  
e.g.ii      **603 KHz, AM (MW)**: Press **6,0,3** and **ENTER**

### Manual tuning

- Press **TUNING** – or **+** briefly, once or as often as required until the right frequency is found. In this way, the frequency can be changed step by step.

### Automatic tuning

- 1 Press and hold down the **TUNING** – or **+** control until the display frequency starts to run.
- 2 When a station of sufficient strength has been found, tuning will stop, or you can stop the automatic tuning by pressing the **TUNING** – or **+** control again.
- 3 Repeat until you have found the desired station.

### SELECTING & STORING FREQUENCIES: PRESETS

You can store the frequencies of 20 radio stations in the memory, 10 on each waveband. A stored frequency is only erased from the memory by storing another frequency in its place, or if you reset your unit.

- 1 Select the waveband and tune to your desired station.
- 2 Select and press one of the Preset memory buttons **0-9** for more than two seconds to store your station.  
→ **PRESET** and your selected number will appear in the display.

## RADIO RECEPTION

### Finding your Preset station

- 1 Preset **RADIO ON-OFF** once or more to select the desired waveband.
- 2 Press the preset number of your desired station.


### Erasing the Preset Memory by RESET

Use a ball-point pen to press the **RESET** button.

- You will hear a click to indicate that all preset stations stored and the last station tuned to have been cleared. All settings must now be reprogrammed into the memory.

## CASSETTE PLAYBACK

### CASSETTE PLAYBACK

- 1 Open the cassette door and insert a tape.
- 2 Press the cassette door lightly to shut.
- 3 Connect headphones to the  socket.
- 4 To start playback, press ◀ ▶  
→ The display shows *LRPE* and the analog clock segments ▼ throughout the tape mode
- 5 Adjust the sound with the **VOLUME** and **DBB** controls.
- 6 To fast wind, press ◀◀, to rewind press ▶▶. Press ■ to stop fast winding.
- 7 To reverse the tape direction during playback, adjust the **DIRECTION** ◀ ▶ control.
- 8 To stop playback, press ■ and the set is switched off.  
→ The display shows *OFF* before reverting to the clock mode.

### AUTO REVERSE

The tape direction will be automatically reversed each time the tape reaches the end. Cassette playback continues in this way unless you press ■ or until batteries are exhausted.

## GENERAL INFORMATION

### Accessories (included)

1 x AY 3660 stereo headphones, 1 x Belt clip

### Using the Belt Clip

- 1 To attach the belt clip, position the shaped grip on the reverse so that it fits into the belt clip hole.
- 2 Simultaneously, press and turn the clip to LOCK as indicated on the set.
- 3 To detach, gently lift the belt clip and turn to RELEASE as indicated on the set.

### TAKE CARE WHEN USING HEADPHONES

#### Hearing Safety:

Listen at a moderate volume. Use at high volume can impair your hearing!

#### Traffic Safety:

Do not use headphones while driving or cycling as you may cause a traffic accident!

### MAINTENANCE

- For quality playback, clean the magnetic head after every 50 hours of operation or, on average once a month by playing through a cleaning tape.
- Do not expose the set and cassettes to rain, moisture, sand, or to excessive heat e.g. heating equipment, cars parked in direct sunlight.

### ENVIRONMENTAL NOTE

- 1 The packaging has been minimized so that it is easy to separate into two mono-materials: cardboard, and polyethylene. Please observe the local regulations regarding the disposal of these packaging materials.
- 2 Please inquire about local regulations on how to hand in your old set for recycling.
- 3 **Batteries contain chemical substances, so they should be disposed of properly.**





## TROUBLESHOOTING

If a fault occurs, first check the points listed below before taking the set for repair. If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

**WARNING:** *Under no circumstances should you try to repair the set yourself, as this will invalidate your guarantee.*

### PROBLEM

– POSSIBLE CAUSE

• REMEDY

#### Hum when using mains adapter

– Adapter used is unsuitable

• Use a Philips SBC6650 or other standard regulated 3V DC adapters

#### Poor sound/ no sound

– Headphones plug not fully inserted

• Insert plug fully

– Volume is turned down

• Turn up volume

– Tape head dirty

• Clean tape head (see MAINTENANCE)

#### Severe radio hum/ distortion

– FM aerial (headphones cord) not fully extended

• Extend FM aerial fully

– Set too close to TV, computer, etc.

• Move set away from other electrical equipment

– Batteries weak

• Insert new batteries

#### Front panel controls/ display does not function properly

– Electrostatic discharge

• Use a ball-point pen to press the RESET button and then reprogramme settings

#### Auto reverse occurs before end of tape

– High friction on tape

• Try fast winding the tape once

*The model number is found at the bottom of the set and the production number in the battery compartment.  
This set complies with the radio interference requirements of the European Union.*